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1. A method of generating optical emissions from metallic point sources, comprising the steps of:

forming micron-size droplets having individual droplet diameters of approximately 10 micrometers to approximately 100 micrometers, each containing nano-size particles, each nano-size particle ranging in size from approximately 5nm to approximately 100nm;

passing the droplets into individual target sources;

irradiating the individual target sources with a laser beam having substantially identical diameter to each of the individual droplets; and

producing optical emissions from the irradiated target sources , wherein the steps of forming, passing, irradiating and producing occur at room temperature.

2. The method of claim 1, wherein the droplets include:
nano particles of metals in a liquid.
3. The method of claim 2, wherein the liquid is selected from at least one of:
H2O, oil, oleates, soapy solutions, and alcohol.
4. The method of claim 2, wherein the droplets include:
Tin(Sn) nano-particles in the liquid.
5. The method of claim 2, wherein the droplets include:
Copper(Cu) nano-particles in the liquid.
6. The method of claim 2, wherein the droplets include:
Zinc(Zn) nano-particles in the liquid.

7. The method of claim 2, wherein the droplets include:
Gold(Au) nano-particles in the liquid.
8. The method of claim 2, wherein the droplets include:
Aluminum(Al) nano-particles in the liquid.
9. The method of claim 2, wherein the droplets include:
Bismuth(Bi) nano-particles in the liquid.
10. The method of claim 1, wherein the room temperature includes:
approximately 10 degrees to approximately 30 degrees C.
11. The method of claim 1, wherein the optical emissions include:
EUV emissions.
12. The method of claim 1, wherein the optical emissions include:
XUV emissions.
13. The method of claim 1, wherein the optical emissions include:
X-ray emissions.
14. The method of claim 1, wherein the optical emissions include:
wavelengths of approximately 11.7 nm.
15. The method of claim 1, wherein the optical emissions include:
wavelengths of approximately 13 nm.

16. The method of claim 1, wherein the optical emissions include:
wavelength ranges of approximately 0.1 nm to approximately 100 nm.
17. The method of claim 1, wherein the optical emissions include:
wavelength ranges of approximately 0.5 nm to approximately 1.5 nm.
18. The method of claim 1, wherein the optical emissions include:
wavelength ranges of approximately 2.3 nm to approximately 4.5 nm.
19. An apparatus for generating optical emissions from metallic point sources, comprising:
means for forming micron-size droplets having individual droplet diameters of
approximately 10 micrometers to approximately 100 micrometers, each containing nano-size
particles, each nano-size particle ranging in size from approximately 5nm to approximately
100nm;
means for feeding the droplets into a target path of individual target sources;
means for irradiating the individual target sources with a laser beam; and
means for generating optical emissions from the irradiated target sources, wherein the
steps of forming, passing, irradiating and producing occur at room temperature.
20. The apparatus of claim 19, wherein the laser beam includes:
a substantially identical diameter to each of the individual droplets.
21. The apparatus of claim 19, wherein the droplets include:
nano particles of metals in a liquid.
22. The apparatus of claim 19, wherein the liquid is selected from at least one of:
H₂O, oil, oleates, soapy solutions, and alcohol.

23. The apparatus of claim 19, wherein the droplets include:
Tin(Sn) nano-particles in the liquid.
24. The apparatus of claim 19, wherein the droplets include:
Copper(Cu) nano-particles in the liquid.
25. The apparatus of claim 19, wherein the droplets include:
Zinc(Zn) nano-particles in the liquid.
26. The apparatus of claim 19, wherein the droplets include:
Gold(Au) nano-particles in the liquid.
27. The apparatus of claim 19, wherein the droplets include:
Aluminum(Al) nano-particles in the liquid.
28. The apparatus of claim 19, wherein the droplets include:
Bismuth(Bi) nano-particles in the liquid.